```
GenCore version 4.5
Copyright (c) 1993 - 2000 Compugen Ltd.
```

OM protein - protein search, using sw model

Run on:

June 21, 2000, 19:59:44 ; Search time 52.6 Seconds (without alignments) 349.995 Million cell updates/sec

Title: Perfect score: Sequence:

US-08-702-525-13 1624 1 MYVIKTCATCTMGLAILIFV......ETINLKELEPQIASAKPNAE 314

Scoring table:

BLOSUM62 Gapop 10.0 , Gapext 0.5

168808 seqs, 58629743 residues Searched:

Total number of hits satisfying chosen parameters:

168808

Minimum DB seq length: 0 Maximum DB seq length: 1000000

Post-processing: Minimum Match 0% Listing first 45 summaries

Database :

PIR\_63:\*
1: pir1:\*
2: pir2:\*
3: pir3:\*
4: pir4:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

	Description	97.3		č	processor	7-1 - rat	CD80 precursor - r	B-cell-restricted	B7 protein - red-c	R2 alpha -	in		ll activa	μ	OX-2 membrane glvc		tractin - medicina	h11		receptor protein-t		2		neural cell adhesi		chain -	CSF-1 receptor - r	Potos	_	Vros	chain (m
SUMMARIES	ΩI	149522	87	146691	I49503	IS4766	146690	A45803	G00031	153960	A37821	I68093	A46462	S70587	A47639	S58892	T18531	S65133	T09058	JN0677	T13669	S01320	JC4024	IJHUNG	A49714	S52028	S16385	160321	B41288	A35963	PC4203
	DB		-	~	7	7	~	~	~	~	7	~	7	7	~	~	~	7	~	-	~	7	7	П	ч	~	7	~	~	~	7
	Length	•		330													1880	487	391	960	1011	234	518	761	974	219	978	978	647	806	219
	Query Match	97.0	44.6	42.8	14.2	13.7	12.1	o.	8 6.	œ	8 0	8.0	8.0	7.8	7.1	7.1	•	•	•	6.7	•	•			•	•	•		•	6.4	6.4
	Score	15	724.5	694.5	231	223	197	5	7	129.5	$^{\circ}$	$\sim$	n	127	116	114.5	114.5	114	113.5	109.5	108.5	107	106.5	106.5	106.5	105.5	105.5	105.5	105	104.5	103.5
	Result No.	7	7	æ	4	ស	9	7	Φ.	ָּס (	10	11	12	13	14	15	16	17	18	19	50	21	22	23	24	22	56	27	28	53	30

· **
antigen BCM1 precu hypothetical prote novel cellular proc SHP substrate-1 progen suffered glyco colon carcinoma-as Ig light chain pre billary glycoprote fibroblast growth neural cell adhesi hypothetical prote hypothetical prote B-cell adhesion pr
,
JL0143 H70103 138547 JC5288 138548 138548 138548 A54017 S20000 A54017 S19947 IJBONC T20993 A35648
ппинпинпинини
240 499 999 509 513 646 646 822 822 822 8175 5175 5198
4 m m d d d d d d d d d d d d d
103.5 101.5 101.5 101.5 101.5 100.5 100 100 100 100 100 100 100 100

## ALIGNMENTS

RESULT

.; Kim ceil

٤

11111 305 KPNAE 309 셤

310 KPNAE 314

ö

RESULT 2 A48754 B7-2 antigen - human N;Alternate names: B70 glycoprotein; CD86 antigen; CTLA-4 counter-receptor